

Substitute for form 1449A/PTO

(use as many sheets as necessary)

Complete if Known

Application Number	09/747,157
Filing Date	December 21, 2000
First Named Inventor	J. CRANK et al.
Group Art Unit	3731
Examiner Name	H. Ali
Attorney Docket Number	12013/61101

Sheet	1	of	1
-------	---	----	---

[illegible][illegible]

Examiner Signature	<i>Hyden An</i>	Date Considered	12/28/04
-----------------------	-----------------	--------------------	----------

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231**

+

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Complete if Known

(use as many sheets as necessary)

Sheet	1	of	1
-------	---	----	---

Application Number	09/747,157
Filing Date	December 21, 2000
First Named Inventor	J. CRANK et al.
Group Art Unit	3731
Examiner Name	Not yet assigned
Attorney Docket Number	12013/61101

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

Examiner
Signature

Hyder Ali

Date Considered

12/28/04

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

² Applicable unique document designations (optional). See Patent Codes of Classification Documents of <http://www.wipo.int/patentclass/en/>.
³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231** DCO 390200

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Complete if Known

Application Number	09/747,157
Filing Date	December 21, 2000
First Named Inventor	J. CRANK et al
Group Art Unit	3731
Examiner Name	H. Ali
Attorney Docket Number	12013/61101

(use as many sheets as necessary)

Sheet	2	of	2
-------	---	----	---

[illegible]

Examiner Signature	Hyder Ah	Date Considered	12/28/04
-----------------------	----------	--------------------	----------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

FORM PTO-1449 LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	Atty. Docket No.: 1001.1429101		Serial No.: 09/747,157
	Applicant: Crank et al.		
	Filing Date December 21, 2000		Group Art: 3731

U.S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
HA	AA	4,760,131	07/26/88	Sundsmo et al.	530	356	
HA	AB	4,790,311	12/13/88	Ruiz	128	303.1	
HA	AC	4,896,671	01/30/90	Cunningham et al.	128	642	
HA	AD	5,047,026	09/10/91	Rydell	606	48	
HA	AE	5,093,877	03/03/92	Aita et al.	385	34	
HA	AF	5,261,889	11/16/93	Laine et al.	604	164	
HA	AG	5,287,861	02/22/94	Wilk	128	898	
HA	AH	5,358,485	10/25/94	Vance et al.	604	22	
HA	AI	5,364,393	11/15/94	Auth et al.	606	34	
HA	AJ	5,370,675	12/06/94	Edwards et al.	607	101	
HA	AK	5,380,316	01/10/95	Aita et al.	606	7	
HA	AL	5,389,096	02/14/95	Aita et al.	606	15	
HA	AM	5,403,311	04/04/95	Abele et al.	606	49	
HA	AN	5,431,649	07/11/95	Mulier et al.	606	41	
HA	AO	5,522,815	06/04/96	Durgin, Jr. et al.	606	50	
HA	AP	5,551,427	09/03/96	Altman	128	642	
HA	AQ	5,569,462	10/29/96	Martinson et al.	424	424	
HA	AR	5,591,159	01/07/97	Taheri	606	15	
HA	AS	5,593,405	01/14/97	Osyka	606	15	
HA	AT	5,607,405	03/04/97	Decker et al.	604	264	

HA	AU	5,620,414	04/15/97	Campbell, Jr.	604	22	
HA	AV	5,672,174	09/30/97	Gough et al.	606	41	
HA	AW	5,681,308	10/28/97	Edwards et al.	606	41	
HA	AX	5,683,366	11/04/97	Eggers et al.	604	114	
HA	AY	5,697,882	12/16/97	Eggers et al.	604	114	
HA	AZ	5,700,259	12/23/97	Negus et al.	606	14	
HA	BA	5,713,894	02/03/98	Murphy-Chutorian et al.	606	15	
HA	BB	5,725,521	03/10/98	Mueller	606	7	
HA	BC	5,725,523	03/10/98	Mueller	606	15	
HA	BD	5,810,836	09/22/98	Hussein et al.	606	108	
HA	BE	5,871,495	02/16/99	Mueller	606	185	
HA	BF	6,042,581	03/28/00	Ryan et al.	606	45	
HA	BG	6,045,565	04/04/00	Ellis et al.	606	167	
HA	BH	6,053,911	04/25/00	Ryan et al.	606	33	
HA	BI	6,053,924	04/25/00	Hussein	606	108	
HA	BJ	6,056,742	05/02/00	Murphy-Chutorian et al.	606	11	
HA	BK	6,056,743	05/02/00	Ellis et al.	606	15	

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Sub Class	Translation Yes No
HA	BL	WO 96/35469	11/14/96	PCT			
HA	BM	WO 96/39963	12/19/96	PCT			
HA	BN	WO 97/18768	05/29/97	PCT			
HA	BO	WO 97/29803	08/21/97	PCT			
HA	BP	WO 97/32551	09/12/97	PCT			
HA	BQ	WO 97/44071	11/27/97	PCT			

HA	BR	WO 98/05307	02/12/98	PCT			
HA	BS	WO 98/16157	04/23/98	PCT			
HA	BT	WO 98/17186	04/30/98	PCT			
HA	BU	WO 99/22655	05/14/99	PCT			
HA	BV	WO 00/15146	03/23/00	PCT			
HA	BW	WO 00/16704	03/30/00	PCT			
HA	BX	DE 296 09 350 U 1	10/10/96	Germany			Yes
HA	BY	DE 195 37 084 A 1	04/10/97	Germany			Yes

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

HA	BZ	Mirhoseini et al., Abstract entitled "Transventricular Revascularization by Laser", <u>Lasers in Sugery and Medicine</u> , 2(2), 1982, 1 page.
HA	CA	Gal et al., Abstract entitled "Analysis of Photoproducts Free Radicals and Particulate Debris Generated...", <u>Lasers in Surgery and Medicine</u> , 11(2) 1991, 1 page.
HA	CB	Isner, J., Abstract entitled "Right Ventricular Myocardial Infarction", <u>JAMA</u> , v259, n5, February 5, 1988, 12 pages.
HA	CC	Pickering et al., Abstract entitled "Proliferative Activity in Peripheral and Coronary Atherosclerotic Plaque....", <u>J. Clin. Invest.</u> , ISSN 0021-9738, April 1993, 1 page.
HA	CD	Vineberg et al., "Creation of Intramyocardial Pathways to Channel Oxygenated Blood Between Ventricular Arteriolar Zones", <u>Canad. Med. Ass. J.</u> , Vol. 96, February 4, 1967, 3 pages.
HA	CE	Vineberg, A., "Results of 14 Years' Experience in the Surgical Treatment of Human Coronary Artery Insufficiency", <u>Canad. Med. Ass. J.</u> , Vol. 92, February 13, 1965, 8 pages.
HA	CF	Vineberg et al., "The Ivalon Sponge Procedure for Myocardial Revascularization", <u>Surgery</u> , Vol. 47, No. 2, February 1960, pp. 268-289.
HA	CG	Vineberg et al., "Treatment of Acute Myocardial Infarction by Endocardial Resection", <u>Surgery</u> , Vol. 57, No. 6, June 1965, pp. 832-835.
HA	CH	Walter et al., "Treatment of Acute Myocardial Infarction by Transmural Blood Suply from the Ventricular Cavity", <u>European Surgical Research</u> , 3:130-138 (1971).
HA	CI	Khazei et al., "Myocardial Canalization", <u>The Annals of Thoracic Surgery</u> , Vol. 6, No. 2, August 1968, pp. 163-171.
HA	CJ	Hershey et al., "Transmyocardial Puncture Revascularization", <u>Geriatrics</u> , March 1969, pp. 101-108.
HA	CK	Press Release dated October 21, 1996, "Doctor's Demonstrate Proof of Blood Flow Through Open TMR Channels Created with PLC Systems...", 1 page.
HA	CL	Press/News Release dated October 10, 1996, "Texas Fieart Institute Presents Study Comparing the Use of CO2...", 1 page.
HA	CM	Goldman et al., "Nonoperative Portacaval Shunt in Swine", <u>Investigative Radiology</u> , Vol. 25, No. 5, May 1990, 5 pages.
HA	CN	Schumacher et al., "Induction of Neoangiogenesis in Ischemic Myocardium by Human Growth Factors", <u>Clinical Investigation and Reports</u> , December 1, 1997, 6 pages.
HA	CO	Article entitled "Gene therapy improves leg circulation--next step heart?", 70 th Scientific Sessions, published on or before November 2, 1998, 2 pages.
HA	CP	Winslow, R., "Genetic Techniques Succeed in Treating Patients with Obstructed Blood Vessels", <u>The Wall Street Journal</u> , published on or before November 2, 1998, 2 pages.

HA	CQ	Kolata, G., "Gene Therapy Gives Blood a Path Around Leg Blockages, Researchers Say", <u>The New York Times</u> , November 10, 1997, 2 pages.
HA	CQ	Mack et al., "Cardiopulmonary Support and Physiology", <u>The Journal of Thoracic and Cardiovascular Surgery</u> , Vol. 115, No. 1, January, 1998, 10 pages.

EXAMINER: HA DATE CONSIDERED: 12/28/04

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.